

CATALYST PRECURSOR AND OLEFIN POLYMERIZATION PROCESSES

ABSTRACT

5 Catalyst precursor compounds having both (i) a polydentate ligand which
comprises a cyclic moiety as well as a heteroatom and (ii) a protected hydride/hydrocarbyl
ligand bonded to a metal atom, as well as olefin polymerization catalyst systems based
thereupon, polymerization processes using such catalyst systems and polymers produced
thereby.

10